



# INTERDISCIPLINARY ARTS & SCIENCES

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UNIVERSITY of WASHINGTON | TACOMA

## School of Interdisciplinary Arts and Sciences

### Assistant Professor of Applied Mathematics or Statistics

The University of Washington Tacoma invites applications for a tenure-track Assistant Professor in Applied Mathematics or Statistics in the Division of Sciences and Mathematics within the School of Interdisciplinary Arts & Sciences (IAS). This is a full-time position with a nine-month service period. The successful candidate will be an intellectually expansive scholar with a proven record in applying quantitative methods to environmental questions, who will work collaboratively with other faculty in the environmental sciences and mathematics in the Division, as well as the broader University of Washington community. Pedagogical responsibilities include developing and teaching required quantitative courses for the new M.S. in Environmental Science, including graduate environmental statistics, numerical methods in environmental research, and applications of differential equations in environmental research, in addition to teaching undergraduate mathematics and statistics or quantitative environmental science courses. The successful candidate will work with diverse student populations, involve students in faculty research, build community connections, and integrate new pedagogical techniques into teaching/learning.

This position enters at an exciting time at UW Tacoma as we start our first graduate degree in the natural sciences. The successful candidate will play a lead role in helping to develop and coordinate a new M.S. in Environmental Science and will contribute to existing undergraduate degree offerings in Environmental Science (B.S.) and the Mathematics minor. The position begins September 2015, requires an earned doctorate (or foreign equivalent) in Applied Mathematics, Statistics, or related field (such as Quantitative Ecology) at the time of appointment, and is contingent on funding. Candidates in the final stages of their dissertation will be appointed on an acting basis.

The Tacoma campus of the University of Washington was established in 1990 with an interdisciplinary approach to education at its foundation. It has evolved into a thriving downtown campus that serves students with a wide range of ages and backgrounds from the South Puget Sound region. Faculty have access to the resources of a major research university, including an extensive library system, but work and teach within a small campus setting. Our campus provides a unique environment for the development of creative teaching, research and community collaborations. The campus commitment to diversity is central to maintaining an atmosphere where students, staff, and faculty find abundant opportunities for intellectual, personal and professional growth within our campus and broader community. For more information about UW Tacoma, visit <http://www.tacoma.washington.edu>.

To apply, please submit:

1. letter delineating your interests and qualifications, a description of research projects underway, and your teaching experience. Applicant statements should detail how their teaching, service and/or scholarship has supported the success of students from racial, ethnic, and gender backgrounds that are underrepresented in their academic fields; applicants who have not yet

had the opportunity for such experience should note how their work will further UW Tacoma's commitment to diversity;

2. curriculum vitae, including a list of courses taught,
3. statement of your teaching philosophy,
4. an article-length writing sample (e.g., a journal article for which you are primary author),
5. evidence of teaching effectiveness, and
6. three letters of reference.

Submit all application materials through <https://academicjobsonline.org/ajo/jobs/4968>. Application materials, including letters of recommendation, received via email will not be considered. Screening of applicants will begin December 1<sup>st</sup> 2014 and will continue until the position is filled. For further information, e-mail Dr. Erica Cline, search chair, at [ecline@uw.edu](mailto:ecline@uw.edu).

Applicants are strongly encouraged to complete the Equal Employment Opportunity questionnaire that is linked to the confirmation email. This information will not be shared with the search committee.

University of Washington is an affirmative action and equal opportunity employer. All qualified applicants will receive consideration for employment without regard to, among other things, race, religion, color, national origin, sex, age, status as protected veterans, or status as qualified individuals with disabilities. UW Tacoma faculty engage in teaching, research, and service and generally participate in lower division, upper division, and graduate instruction.